

N/A

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APR 17 2000

PAGE:

TECH CENTER 1600/2800

RAW SEQUENCE LISTING

PATENT APPLICATION US/09/191,997A

DATE: 12/16/1999

TIME: 11:29:14

Input Set: I191997A.RAW

This Raw Listing contains the General Information
Section and up to first 5 pages.

P.S.

ENTERED

1 <110> APPLICANT: Dumas Milne Edwards, Jean-Baptiste
2 Duclert, Aymeric
3 Bougueleret, Lydie
4 <120> TITLE OF INVENTION: EXTENDED CDNAS FOR SECRETED PROTEINS
5 <130> FILE REFERENCE: GENSET.016A
6 <140> CURRENT APPLICATION NUMBER: US/09/191,997A
7 <141> CURRENT FILING DATE: 1998-11-13
8 <150> EARLIER APPLICATION NUMBER: 60/066,677
9 <151> EARLIER FILING DATE: 1997-11-13
10 <150> EARLIER APPLICATION NUMBER: 60/069,957
11 <151> EARLIER FILING DATE: 1997-12-17
12 <150> EARLIER APPLICATION NUMBER: 60/074,121
13 <151> EARLIER FILING DATE: 1998-02-09
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15 <170> SOFTWARE: Patent.pm
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44 <210> SEQ ID NO 4

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92 <210> SEQ ID NO 10
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PATENT APPLICATION US/09/191,997ADATE: 12/16/1999
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163 <222> LOCATION: complement(380..486)
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183      gagagaaaga actgactgar acgtttgag atg aag aaa gtt ctc ctc ctg atc    113
184                                   Met Lys Lys Val Leu Leu Leu Ile
185                                   -15                                -10
186      aca gcc atc ttg gca gtg gct gtw ggt ttc cca gtc tct caa gac cag    161
187      Thr Ala Ile Leu Ala Val Ala Val Gly Phe Pro Val Ser Gln Asp Gln
188               -5                                1                    5
189      gaa cga gaa aaa aga agt atc agt gac agc gat gaa tta gct tca ggr    209
190      Glu Arg Glu Lys Arg Ser Ile Ser Asp Ser Asp Glu Leu Ala Ser Gly
191              10                            15                        20
192      wtt ttt gtg ttc cct tac cca tat cca ttt cgc cca ctt cca cca att    257
193      Xaa Phe Val Phe Pro Tyr Pro Tyr Pro Phe Arg Pro Leu Pro Pro Ile
194          25                      30                      35

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197      40                      45                      50                      55
198      cct gaa tct gcc cct aca act ccc ctt cct agc gaa aag taaacaaraa      354
199      Pro Glu Ser Ala Pro Thr Thr Pro Leu Pro Ser Glu Lys
200                      60                      65
201      ggaaaagtca crataaacct ggtcacctga aattgaaatt gagccacttc cttgaaraat      414
202      caaaattcct gttaataaaa raaaaacaaa tgtaattgaa atagcacaca gcattctcta      474
203      gtcaatatct ttagtgatct tctttaataa acatgaaagc aaaaaaaaaa aa      526
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213      seq LLLITAILAVAVG/FP
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240      <222> LOCATION: 118..545
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244      <222> LOCATION: 65..369

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Input Set: I191997A.RAW

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195	W "N" or "Xaa" used: Feature required	cca ttt cca aga ttt cca tgg ttt aga cgt a
272	W "N" or "Xaa" used: Feature required	ctgatgccga gttccgtctc tcgctgtttt tcctggtc
293	W Invalid/Missing Amino Acid Numbering	
340	W Invalid/Missing Amino Acid Numbering	
385	W "N" or "Xaa" used: Feature required	attagccgtg gcctaggccg tttaacgggg tgacacga
401	W Invalid/Missing Amino Acid Numbering	
419	W "N" or "Xaa" used: Feature required	Met Gly Ile Leu Ser Thr Val Thr Ala Leu T
873	W "N" or "Xaa" used: Feature required	aaytcagggc ccaascagaa scacaggccc aktcntgg
874	W "N" or "Xaa" used: Feature required	gggatttcag gttagncagg gtgagagggg aggctctc
1179	W Invalid/Missing Amino Acid Numbering	
1206	W Invalid/Missing Amino Acid Numbering	
1214	W "N" or "Xaa" used: Feature required	ctggatttct tatctgagag accctggatt aaaaggat
1410	W Invalid/Missing Amino Acid Numbering	
1435	W "N" or "Xaa" used: Feature required	ctg agc aga ttg agt gat gct ggg gca gan a
1443	W Invalid/Missing Amino Acid Numbering	
1653	W Invalid/Missing Amino Acid Numbering	
1775	W Invalid/Missing Amino Acid Numbering	
2289	W "N" or "Xaa" used: Feature required	ttccatctgt ggatgaaagt tgcaatgttg gccccgt
2433	W "N" or "Xaa" used: Feature required	ctgatgccga gttccgtctc tcgctgtttt tcctggtc
2477	W "N" or "Xaa" used: Feature required	actttccags aagatattag atgaaaggat aaaatatt
2478	W "N" or "Xaa" used: Feature required	ctcagggant tggggaaang gttcacagaa gttgctta
2479	W "N" or "Xaa" used: Feature required	aanccactta antcaaggct gacagstaac acgtgatg
2533	W Invalid/Missing Amino Acid Numbering	
2537	W "N" or "Xaa" used: Feature required	ggctaagtac ttaccacaga gtgaatcttc aaagaaat
2701	W Invalid/Missing Amino Acid Numbering	
3039	W "N" or "Xaa" used: Feature required	agagctgtnn cnsaagtagg ggagggcggt gctccgcm
3059	W Invalid/Missing Amino Acid Numbering	
3089	W "N" or "Xaa" used: Feature required	tgaggggcca gggaaaagt ttctctcaggt gtggtggg
3336	W "N" or "Xaa" used: Feature required	kgc aaa caa gas gac ytc ytt tcg ggc gac y
3582	W "N" or "Xaa" used: Feature required	gcagatttcc anssagaaga cagagaagga gcnagtgg
3818	W "N" or "Xaa" used: Feature required	cct tta gnc ttc tgt cag tgc cca rgt cam t
3821	W "N" or "Xaa" used: Feature required	ant ccc gct cac ant cag aak cat gac aga a
3853	W Invalid/Missing Amino Acid Numbering	
4572	W "N" or "Xaa" used: Feature required	acactggctt gatggatcac cccaggnaa gggaaaat
4730	W Invalid/Missing Amino Acid Numbering	
5008	W Invalid/Missing Amino Acid Numbering	
5155	W "N" or "Xaa" used: Feature required	actgtcccat tcctccccct acaacacaca cacctttc
5321	W Invalid/Missing Amino Acid Numbering	
6252	W "N" or "Xaa" used: Feature required	gatctccag wtgaccaaag gatgcaaga gtgatagt
6425	W "N" or "Xaa" used: Feature required	acctctgaat ttgtacacat ttaaaatttc aaggtgta
6888	W "N" or "Xaa" used: Feature required	ctgatgccga gttccgtctc tcgctgtttt tcctggtc
6909	W Invalid/Missing Amino Acid Numbering	
7031	W Invalid/Missing Amino Acid Numbering	
7228	W Invalid/Missing Amino Acid Numbering	
7319	W "N" or "Xaa" used: Feature required	Ser Glu Val Ser Ser Leu Ser Glu His Xaa P
7321	W "N" or "Xaa" used: Feature required	Gly Leu Ser Arg Leu Ser Asp Ala Gly Ala X
7323	W "N" or "Xaa" used: Feature required	Gly Val Gln Pro Val Val Cys Lys Ala Leu X
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7391	W "N" or "Xaa" used: Feature required	Ile Ser Val Val Gly Met Xaa Cys Thr Val P

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Line	Error/Warning	Original Text
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7571	W "N" or "Xaa" used: Feature required	Xaa Trp Gly Lys Phe Tyr Met Pro Xaa Arg V
7675	W "N" or "Xaa" used: Feature required	Met Xaa Thr Gly His His Pro Xaa Asp Thr T
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7679	W "N" or "Xaa" used: Feature required	Xaa Pro Xaa Leu Pro Asp Arg Pro Arg Asp H
7724	W "N" or "Xaa" used: Feature required	Val His Thr Thr Leu Ser Lys Ser Asp Ala X
7748	W "N" or "Xaa" used: Feature required	Asp Asp Leu Pro Ala Xaa Phe Gly Tyr Arg L
7754	W "N" or "Xaa" used: Feature required	Ile Xaa Xaa Leu Asp Cys Asn Phe Asp Ile L
7762	W "N" or "Xaa" used: Feature required	Glu Phe Thr Xaa Glu Lys Gly Gly His Leu I
7764	W "N" or "Xaa" used: Feature required	Ser Leu Pro Leu Glu Tyr Tyr Leu Ile Pro P
7780	W "N" or "Xaa" used: Feature required	Val Thr Glu His Thr Pro Leu Leu Arg Pro L
7782	W "N" or "Xaa" used: Feature required	Pro Xaa Xaa Phe Gly Ala Leu Xaa Gly Xaa P
7784	W "N" or "Xaa" used: Feature required	His Asp Arg Ile Ile Gln Thr Xaa Glu Glu A
7895	W "N" or "Xaa" used: Feature required	Ser Val Val Glu Val Thr Val Thr Xaa Ser P
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7980	W "N" or "Xaa" used: Feature required	Leu Thr Xaa Ile Lys Thr
7998	W "N" or "Xaa" used: Feature required	Lys Gly Trp Ile Pro Trp Ile Gly Val Gly P
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8744	W Invalid/Missing Amino Acid Numbering	
8796	W "N" or "Xaa" used: Feature required	nctttgcctt tctntccaca ggtgtccnct cccaggtc
8943	W "N" or "Xaa" used: Feature required	tgaatcttca aagaaatgan tcattaaatt atttcagr
9159	W "N" or "Xaa" used: Feature required	ccaactgcag nttcgaattt accgagcgga gaggagat
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9475	W Invalid/Missing Amino Acid Numbering	
9896	W "N" or "Xaa" used: Feature required	gcc cag agg acc ctg tac cga gag ggc atc g
9905	W "N" or "Xaa" used: Feature required	tgg agt gca gtg gnn cgc cat ctc agc tca c
9960	W Invalid/Missing Amino Acid Numbering	
10141	W Invalid/Missing Amino Acid Numbering	
10582	W Invalid/Missing Amino Acid Numbering	
10662	W Invalid/Missing Amino Acid Numbering	
11543	W "N" or "Xaa" used: Feature required	Ser Ala Val Xaa Arg His Leu Ser Ser Leu G